Index of Claims

| Appli | ication/Con | trol No. |
|-------|-------------|----------|
|-------|-------------|----------|

10/809,932 Examiner

Mark Hellner

Applicant(s)/Patent under Reexamination

BRUCH ET AL.

Art Unit

3663

√ Rejected

Allowed

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla            | aim                                    |          |          | [ | Date     | <u> </u> |          |   |          |
|----------------|--|----------|----------|---|----------|----------|----------|---|----------|
|                |  |          |          |   |          |          |          |   |          |
| Final          | Original                               | 2/17/08  |          |   |          |          |          |   |          |
| 1              | 1<br>2<br>3<br>4                       | =        |          |   |          |          |          |   |          |
| 2              | 2                                      | =        |          |   |          |          |          |   |          |
| _              | 3                                      |          |          |   |          |          |          |   |          |
| 3              | 1                                      | =        |          |   |          |          |          |   |          |
| 1              | -                                      | =        | $\vdash$ |   | $\vdash$ |          |          |   |          |
| 4<br>5         | 5<br>6                                 | -        |          |   |          |          |          |   |          |
| 0              | 0                                      | =        |          |   |          |          |          |   |          |
| 6              | 7                                      | =        | _        |   | _        |          |          |   |          |
| 7<br>8         | 8<br>9                                 | =        |          |   |          |          |          |   |          |
|                |  | =        |          |   |          |          |          |   |          |
| 9              | 10                                     | =        |          |   |          |          |          |   |          |
| 10<br>11       | 11                                     | =        |          |   |          |          |          |   |          |
| 11             | 12                                     | =        | L        | L | L        |          | L        |   |          |
| 12             | 13                                     | =        |          |   |          |          |          |   |          |
| 12<br>13<br>14 | 14                                     | =        |          |   |          |          |          |   |          |
| 14             | 15                                     | =        |          |   |          |          |          |   |          |
| 15             | 11<br>12<br>13<br>14<br>15<br>16<br>17 | =        | Г        |   |          | П        |          | П |          |
| 16             | 17                                     | =        |          |   |          |          |          |   |          |
| <del>اٽ</del>  | 18                                     |          |          |   |          |          |          |   |          |
| 17             | 19                                     | =        |          |   |          |          |          |   |          |
| 17<br>18       | 20                                     | =        |          |   |          |          |          |   |          |
| 19             | 21                                     | =        | $\vdash$ |   | _        |          |          |   |          |
| 20             | 21                                     | =        | $\vdash$ |   | _        |          |          |   |          |
| 20<br>21       | 22                                     | -        | $\vdash$ |   | _        |          |          |   |          |
| 21             | 23                                     | =        | _        |   |          |          |          |   |          |
| 22<br>23       | 20<br>21<br>22<br>23<br>24<br>25       | =        | _        |   | _        |          |          |   |          |
| 23             | 25                                     | =        | _        |   |          |          |          |   |          |
|                | 26                                     |          |          |   |          |          |          |   |          |
| 24             | 27<br>28                               | =        | _        |   | _        |          |          |   |          |
|                | 28                                     |          | _        |   |          |          |          |   |          |
|                | 29                                     |          |          |   |          |          |          |   |          |
|                | 30                                     |          |          |   |          |          |          |   |          |
|                | 31                                     |          |          |   |          |          |          |   |          |
|                | 32                                     |          |          |   |          |          |          |   |          |
|                | 33                                     | L        | L        | L | L        |          | L        |   |          |
|                | 34                                     |          |          |   |          |          |          |   |          |
|                | 35                                     |          |          |   |          |          |          |   |          |
|                | 36                                     |          |          |   |          |          |          |   |          |
|                | 37                                     |          |          |   |          |          |          |   |          |
|                | 38                                     | Г        |          |   |          |          |          |   |          |
|                | 39                                     | Г        |          |   |          |          |          |   |          |
|                | 40                                     |          |          |   |          | П        |          | П |          |
|                | 41                                     |          |          |   |          |          |          |   |          |
|                | 42                                     | H        |          |   |          |          |          |   |          |
|                | 43                                     | Н        | $\vdash$ |   | $\vdash$ | H        |          | Н |          |
|                | 44                                     | $\vdash$ | $\vdash$ |   | $\vdash$ | H        |          | H |          |
|                | 45                                     | $\vdash$ | $\vdash$ |   | $\vdash$ |          |          |   |          |
|                | 46                                     | $\vdash$ | $\vdash$ |   | $\vdash$ | H        |          | H |          |
|                | 47                                     | $\vdash$ | $\vdash$ |   | $\vdash$ | $\vdash$ |          | H |          |
| <u> </u>       |  | $\vdash$ | $\vdash$ |   | -        | H        | -        | H | $\vdash$ |
| <u> </u>       | 48                                     | $\vdash$ | $\vdash$ | - | $\vdash$ | H        | <u> </u> | H |          |
|                | 49                                     | H        | _        |   | _        |          | _        |   |          |
|                | 50                                     |          |          |   |          |          |          |   |          |

| Claim         Date           Tell         150           51         52           53         54           55         56           57         58           59         60           61         62           63         64           65         66           67         68           69         70           71         72           73         74           75         76           77         78           79         80           81         82           83         84           85         86           87         88           89         90           91         92           93         94           95         96           97         98 | Cla   | nim      | l .          |              |   | ) oto    |          |          |  |
|---|-------|----------|--------------|--------------|---|----------|----------|----------|--|
| 51         52         53         54         55         56         57         58         59         60         61         62         63         64         65         66         67         68         69         70         71         72         73         74         75         76         77         78         79         80         81         82         83         84         85         86         87         88         89         90         91         92         93         94         95         96   | Clè   |          | $\vdash$     |              |   | Jak      | _        |          |  |
| 52         53         54         55         56         57         58         59         60         61         62         63         64         65         66         67         68         69         70         71         72         73         74         75         76         77         78         79         80         81         82         83         84         85         86         87         88         89         90         91         92         93         94         95         96  | Final | Original |              |              |   |          |          |          |  |
| 52         53         54         55         56         57         58         59         60         61         62         63         64         65         66         67         68         69         70         71         72         73         74         75         76         77         78         79         80         81         82         83         84         85         86         87         88         89         90         91         92         93         94         95         96  |       | 51       |              |              |   |          |          |          |  |
| 53         54         55         56         57         58         59         60         61         62         63         64         65         66         67         68         69         70         71         72         73         74         75         76         77         78         79         80         81         82         83         84         85         86         87         88         89         90         91         92         93         94         95         96   |       | 52       |              |              |   |          |          |          |  |
| 55         56         57         58         59         60         61         62         63         64         65         66         67         68         69         70         71         72         73         74         75         76         77         78         79         80         81         82         83         84         85         86         87         88         89         90         91         92         93         94         95         96   |       | 53       |              |              |   |          |          |          |  |
| 55         56         57         58         59         60         61         62         63         64         65         66         67         68         69         70         71         72         73         74         75         76         77         78         79         80         81         82         83         84         85         86         87         88         89         90         91         92         93         94         95         96   |       | 54       |              |              |   |          |          |          |  |
| 56         57         58         59         60         61         62         63         64         65         66         67         68         69         70         71         72         73         74         75         76         77         78         79         80         81         82         83         84         85         86         87         88         89         90         91         92         93         94         95         96  |       | 55       |              |              |   |          |          |          |  |
| 58         59         60         61         62         63         64         65         66         67         68         69         70         71         72         73         74         75         76         77         78         79         80         81         82         83         84         85         86         87         88         89         90         91         92         93         94         95         96  |       | 56       |              |              |   |          |          |          |  |
| 59       60         61       62         63       64         65       66         67       68         69       70         71       72         73       74         75       76         77       78         79       80         81       82         83       84         85       86         87       88         89       90         91       92         93       94         95       96         97       97   |       | 57       |              |              |   |          |          |          |  |
| 60 61 62 63 64 65 66 66 67 67 68 68 69 70 70 71 71 72 73 74 75 76 76 77 78 78 79 80 81 81 82 83 84 85 86 87 88 89 90 90 91 91 92 93 94 94 95 96 97  |       |          |              |              |   |          |          |          |  |
| 61<br>62<br>63<br>64<br>65<br>66<br>67<br>68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>79<br>80<br>81<br>82<br>83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>91<br>92<br>93<br>94<br>95<br>96<br>97  |       | 59       |              |              |   |          |          |          |  |
| 62   63   64   65   66   67   68   69   70   71   72   73   74   75   76   77   78   79   80   81   82   83   84   85   86   87   88   89   90   91   92   93   94   95   96   97   96   97   |       | 60       |              |              |   |          |          |          |  |
| 63<br>64<br>65<br>66<br>67<br>68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>79<br>80<br>81<br>82<br>83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>91<br>92<br>93<br>94<br>95<br>96<br>97  |       | 61       |              |              |   |          |          |          |  |
| 64<br>65<br>66<br>67<br>68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>79<br>80<br>81<br>82<br>83<br>84<br>82<br>83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96<br>97  |       | 62       |              |              |   |          |          |          |  |
| 66 67 68 68 69 70 70 71 71 72 73 74 75 76 76 77 78 8 79 80 81 82 83 84 85 86 87 88 89 90 90 91 91 92 93 94 95 96 97   |       | 63       |              |              |   |          |          |          |  |
| 66 67 68 68 69 70 70 71 71 72 73 74 75 76 76 77 78 8 79 80 81 82 83 84 85 86 87 88 89 90 90 91 91 92 93 94 95 96 97   |       | 64       | $oxed{oxed}$ | $oxed{oxed}$ | Ш |          |          |          |  |
| 67<br>68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>77<br>78<br>79<br>80<br>81<br>82<br>83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96  |       | 65       |              |              |   |          |          |          |  |
| 68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>77<br>78<br>79<br>80<br>81<br>82<br>83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96  |       |          |              |              |   |          |          |          |  |
| 69 70 71 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96   |       | 67       |              |              |   |          |          |          |  |
| 70 71 71 72 73 74 75 76 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96   |       | 68       |              |              |   |          |          |          |  |
| 71  |       |          |              |              |   |          |          |          |  |
| 72<br>73<br>74<br>75<br>76<br>77<br>78<br>79<br>80<br>81<br>82<br>83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96  |       | 70       |              |              |   |          |          |          |  |
| 73  |       |          |              |              |   |          |          |          |  |
| 74  |       | 72       |              |              |   |          |          |          |  |
| 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96  |       | 73       |              |              |   |          |          |          |  |
| 77  |       | 74       |              |              |   |          |          |          |  |
| 77  |       | 70       | $\vdash$     | $\vdash$     |   | _        |          |          |  |
| 78  |       | 77       |              |              |   |          |          |          |  |
| 79 80 81 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96   |       | 70       | $\vdash$     | $\vdash$     |   |          |          |          |  |
| 80<br>81<br>82<br>83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>91<br>92<br>93<br>94<br>95<br>96  |       | 70       | $\vdash$     | $\vdash$     |   |          |          |          |  |
| 81<br>82<br>83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>91<br>92<br>93<br>94<br>95<br>96  |       | 90       | $\vdash$     | $\vdash$     |   |          |          |          |  |
| 82<br>83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96  |       |          | $\vdash$     | $\vdash$     |   | _        |          |          |  |
| 83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96  |       | 92       | $\vdash$     | $\vdash$     |   |          |          |          |  |
| 84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96  |       |          | $\vdash$     | $\vdash$     | Н |          |          |          |  |
| 85<br>86<br>87<br>88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96  |       | 8/       | $\vdash$     |              |   |          |          |          |  |
| 86<br>87<br>88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96  |       |          | $\vdash$     | $\vdash$     | Н | $\vdash$ |          |          |  |
| 87<br>88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96<br>97  |       | 86       |              |              |   |          |          |          |  |
| 88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96<br>97  |       | 87       | Н            | $\vdash$     |   |          |          |          |  |
| 89<br>90<br>91<br>92<br>93<br>94<br>95<br>96<br>97  |       | 88       | $\vdash$     |              |   |          |          |          |  |
| 90<br>91<br>92<br>93<br>94<br>95<br>96<br>97  |       |          | Г            | Г            | П |          |          |          |  |
| 91<br>92<br>93<br>94<br>95<br>96<br>97  |       | 90       | Г            | Г            |   |          |          |          |  |
| 92<br>93<br>94<br>95<br>96<br>97  |       |          |              |              |   |          |          |          |  |
| 93<br>94<br>95<br>96<br>97  |       | 92       |              |              |   |          |          |          |  |
| 95<br>96<br>97  |       | 93       |              |              |   |          |          |          |  |
| 96 97   |       | 94       |              |              |   |          |          |          |  |
| 97  |       |          |              |              |   |          |          |          |  |
|   |       | 96       |              |              |   |          |          |          |  |
| 98  |       |          | $oxed{oxed}$ | $oxed{oxed}$ |   |          |          |          |  |
|   |       | 98       | lacksquare   | $\vdash$     |   | _        | <u> </u> | <u> </u> |  |
| 99  |       | 99       | $\vdash$     | $\vdash$     |   |          |          |          |  |

| Cla   | aim               |          |          |          |          | Date     | =        | _        |          |          |
|-------|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Final | Original          |          |          |          |          |          |          |          |          |          |
|       | 101<br>102        |          |          |          |          |          |          |          |          |          |
|       | 102               |          |          |          |          |          |          |          |          |          |
|       | 103               |          |          |          |          |          |          |          |          |          |
|       | 104               |          |          |          |          |          |          |          |          |          |
|       | 105               |          |          |          |          |          |          |          |          |          |
|       | 106               |          |          |          |          |          |          |          |          |          |
|       | 107               |          |          |          |          |          |          |          |          |          |
|       | 108               |          |          |          |          |          |          |          |          |          |
|       | 109               |          |          |          |          |          |          |          |          |          |
|       | 110               |          |          |          |          |          |          |          |          |          |
|       | 111               |          |          | -        |          |          |          | <u> </u> |          | $\vdash$ |
|       | 112<br>113        |          |          | H        |          | $\vdash$ |          | $\vdash$ |          | Н        |
|       | 114               |          |          | Н        |          | $\vdash$ |          | $\vdash$ |          | Н        |
|       | 114<br>115        |          |          | $\vdash$ |          | $\vdash$ |          | $\vdash$ |          | $\vdash$ |
|       | 116               |          | H        | H        |          |          |          |          |          | $\vdash$ |
|       | 117               |          | <u> </u> | H        | <u> </u> | $\vdash$ | <u> </u> | $\vdash$ |          | H        |
|       | 117<br>118        |          |          |          |          |          |          |          |          |          |
|       | 119               |          |          |          |          |          |          |          |          |          |
|       | 120               |          |          |          |          |          |          |          |          |          |
|       | 120<br>121        |          |          |          |          |          |          |          |          |          |
|       | 122               |          |          |          |          |          |          |          |          |          |
|       | 122<br>123<br>124 |          |          |          |          |          |          |          |          |          |
|       | 124               |          |          |          |          |          |          |          |          |          |
|       | 125<br>126<br>127 |          |          |          |          |          |          |          |          |          |
|       | 126               |          |          |          |          |          |          |          |          |          |
|       | 127               |          |          |          |          |          |          |          |          |          |
|       | 128<br>129        |          |          |          |          |          |          |          |          |          |
|       | 129               |          |          |          |          |          |          |          |          |          |
|       | 130               |          |          |          |          |          |          |          |          |          |
|       | 131               |          | _        | $\vdash$ |          |          |          | _        |          | Ш        |
|       | 132               |          | _        | H        | _        | _        | _        | _        |          | Н        |
|       | 133<br>134        |          | _        |          | _        |          | <u> </u> | _        | <u> </u> | $\vdash$ |
|       | 134<br>135        |          |          | $\vdash$ |          | _        |          | $\vdash$ |          | Н        |
|       | 136               | $\vdash$ | <u> </u> | $\vdash$ | -        | $\vdash$ | -        | $\vdash$ |          | $\vdash$ |
|       | 137               |          | -        | H        |          | $\vdash$ |          | $\vdash$ |          | H        |
|       | 138               |          |          | $\vdash$ |          |          |          | $\vdash$ |          | $\vdash$ |
|       | 139               |          | $\vdash$ | H        |          |          |          |          |          | $\vdash$ |
|       | 140               |          |          | Т        |          |          |          |          |          | Н        |
|       | 141               |          |          |          |          |          |          |          |          |          |
|       | 142               |          |          |          |          |          |          |          |          |          |
|       | 143               |          |          |          |          |          |          |          |          |          |
|       | 144               |          |          |          |          |          |          |          |          |          |
|       | 145               |          |          |          |          |          |          |          |          |          |
|       | 146               |          |          |          |          |          |          |          |          |          |
|       | 147               |          |          |          |          |          |          |          |          |          |
|       | 148               |          |          |          |          |          |          |          |          |          |
|       | 149               |          |          |          |          |          |          |          |          |          |
|       | 150               |          |          |          |          |          |          |          |          |          |